

ABSTRACT OF THE DISCLOSURE

A light emitting device that emits visible light caused by ultraviolet rays from a discharge generated in a discharge medium including a rare gas, wherein a phosphorous material is disposed in a vessel that is hermetically sealed and contains
5 the discharge medium, and a photocatalyst is disposed at one or more positions inside the vessel, the positions being reachable for one or both of the ultraviolet rays and light emitted from the phosphorous material, so that the photocatalyst is in contact with the discharge medium.